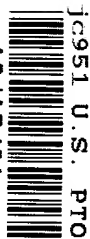


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PATENT
674558-2001
Attorney Docket No.



09/977579

10/15/01

Patent Application Transmittal
(only for new nonprovisional applications
under 37 C.F.R. 1.53(b))

Correspondence Address:

FROMMER LAWRENCE & HAUG LLP
745 Fifth Avenue
New York, New York 10151
Tel. (212) 588-0800 Fax: (212) 588-0500
Customer No. 20999

Date: October 15, 2001

TO: ASSISTANT COMMISSIONER FOR PATENTS
Box PATENT APPLICATION
Washington, D.C. 20231

Sir:

With reference to the filing in the United States Patent and Trademark Office of an application
for patent in the names of:

Peter COX, Alistair DIXON, Antony JACKSON, Kevin MORGAN

Entitled: **A NOVEL FAMILY OF BETA SUB-UNIT PROTEINS FROM A VOLTAGE-GATED SODIUM
CHANNEL, NUCLEIC ACIDS ENCODING THEM AND THERAPEUTIC OR DIAGNOSTIC
USES THEREOF**

— This is an application of a small entity under 37 CFR 1.9(f) and the amounts
shown in parentheses below have been employed in calculating the fee.

— Undersigned attorney hereby states that this is an application of a Small Entity.

The following are enclosed:

 X Specification (82 Pages)

 X 7 Sheet(s) of Drawings

 X 38 Claims (including 8 independent claims)

 X PCT/ISA/220, 210, PCT/IPEA/401, 409, 416

 Petition To Make Special

 Preliminary Amendment To Comply With Requirements For Patent Applications
Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures

 X Our checks totaling \$80.00, calculated on the basis of the claims as amended by
any enclosed preliminary amendment as follows:

10/15/01



PATENT
674558-2001
Attorney Docket No.

Basic Fee
\$740.00 (370.00).....000.00

Total Number of Claims in excess
of 20 at \$18.00 (9.00) each000.00

Number of Independent Claims in
excess of 3 at \$84.00 (42.00) each.....000.00

Multiple Dependent Claim Fee
at \$280.00 (140.00).....000.00

Total Filing Fee.....000.00

Assignment Recording Fee \$40.00080.00

Petition to Make Special Fee \$130.00000.00

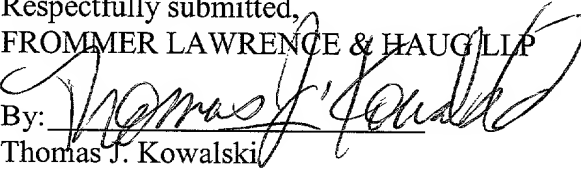
 X Oath or Declaration and Power of Attorney

 New signed X unsigned
 Copy from prior application (37 C.F.R. 1.63(d))

 X Certified copy of the following application to substantiate the claim for priority
made in the Declaration **to follow**:

PCT/EP00/01783 filed 24 February 2000

Please charge any additional fees required for the filing of this application or credit any
overpayment to Deposit Account No. 50-0320. Please accord this application a May 8, 2001
filing date.

Respectfully submitted,
FROMMER LAWRENCE & HAUG LLP
By: 
Thomas J. Kowalski
Reg. No. 32,147
(212) 588-0800

EXPRESS MAIL

Mailing Label Number: EV001583775US

Date of Deposit: October 15, 2001

I hereby certify that this paper or fee is being deposited with the
United States Postal Service "Express Mail Post Office to
Addressee" Service under 37 CFR 1.10 on the date indicated
above and is addressed to: Assistant Commissioner for Patents,
Washington, D.C. 20231.


(Typed or printed name of person mailing paper or fee)


(Signature of person mailing paper or fee)

00032485

Full name of 1st co-inventor: Peter Cox
Residence: 44 Newton Road
Cambridge, Cambridgeshire CB2 2AL, United Kingdom

Post Office: _____
Citizenship: Ireland

Full name of 2nd co-inventor: Alistair Dixon
Residence: 108 Gwydir Street
Cambridge, Cambridgeshire CB1 2LL, United Kingdom

Post Office: _____
Citizenship: Great Britain

Full name of 3rd co-inventor: Antony Jackson
Residence: 6 Leys Avenue
Cambridge, Cambridgeshire CB4, 2AW, United Kingdom

Post Office: _____
Citizenship: Great Britain

Full name of 4th co-inventor: Kevin Morgan
Residence: 30 Toft Lane
Great Wilbraham, Cambridge, Cambridgeshire CB1, 5JH, United Kingdom

Post Office: _____
Citizenship: Great Britain

Patent 674558-2001